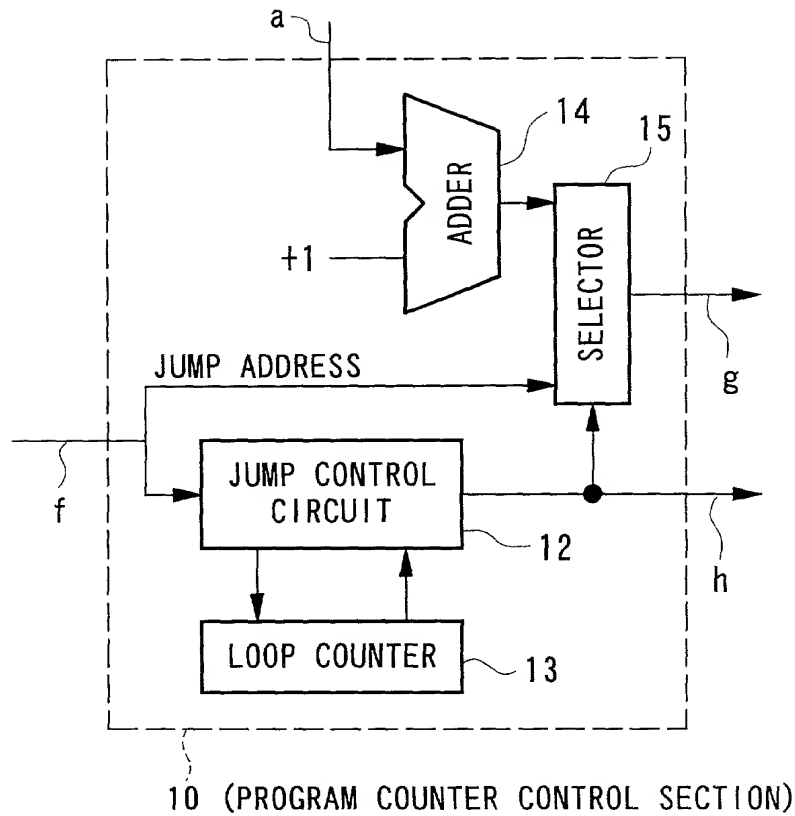




# FIG. 2



# FIG. 3

| INSTRUCTION<br>MEMORY<br>ADDRESS | STORAGE AREA FOR<br>SEQUENCE CONTROL<br>INSTRUCTION<br>ON NEXT LINE | STORAGE AREA FOR<br>SEQUENCE CONTROL<br>INSTRUCTION CONTAINED<br>IN JUMP TARGET LINE |
|----------------------------------|---|--|
| 0                                | LOOP 3 AA   | INDEFINITE   |
| 1                                | NOOP  | LOOP 3 AA  |
| 2                                | ⋮   | INDEFINITE   |
| ⋮                                | ⋮   | ⋮  |

# FIG. 4

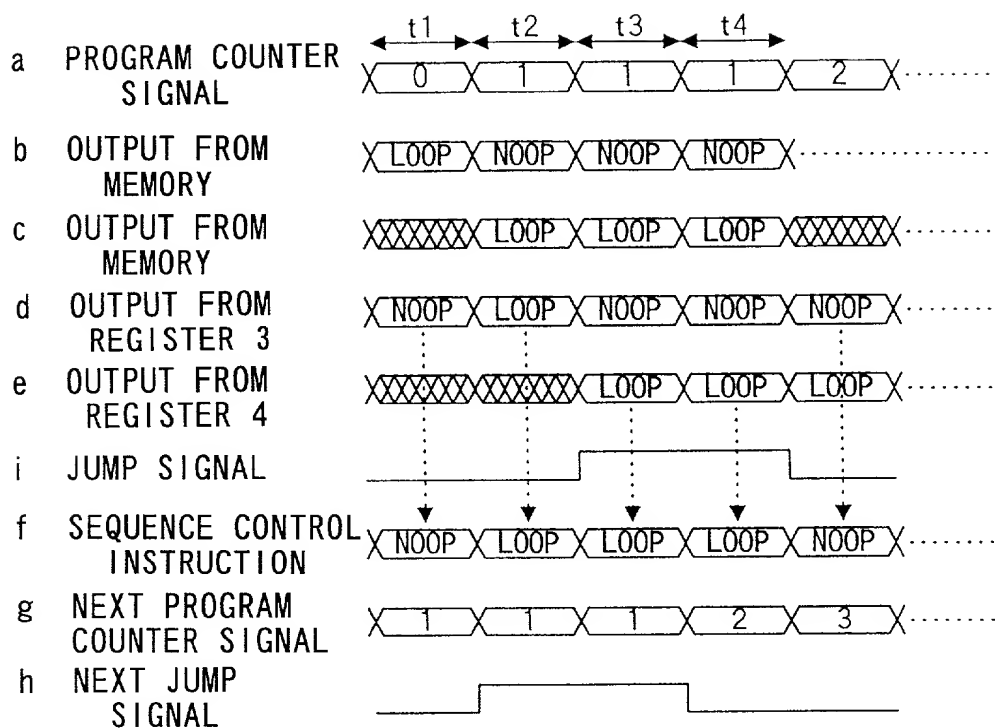


FIG. 5

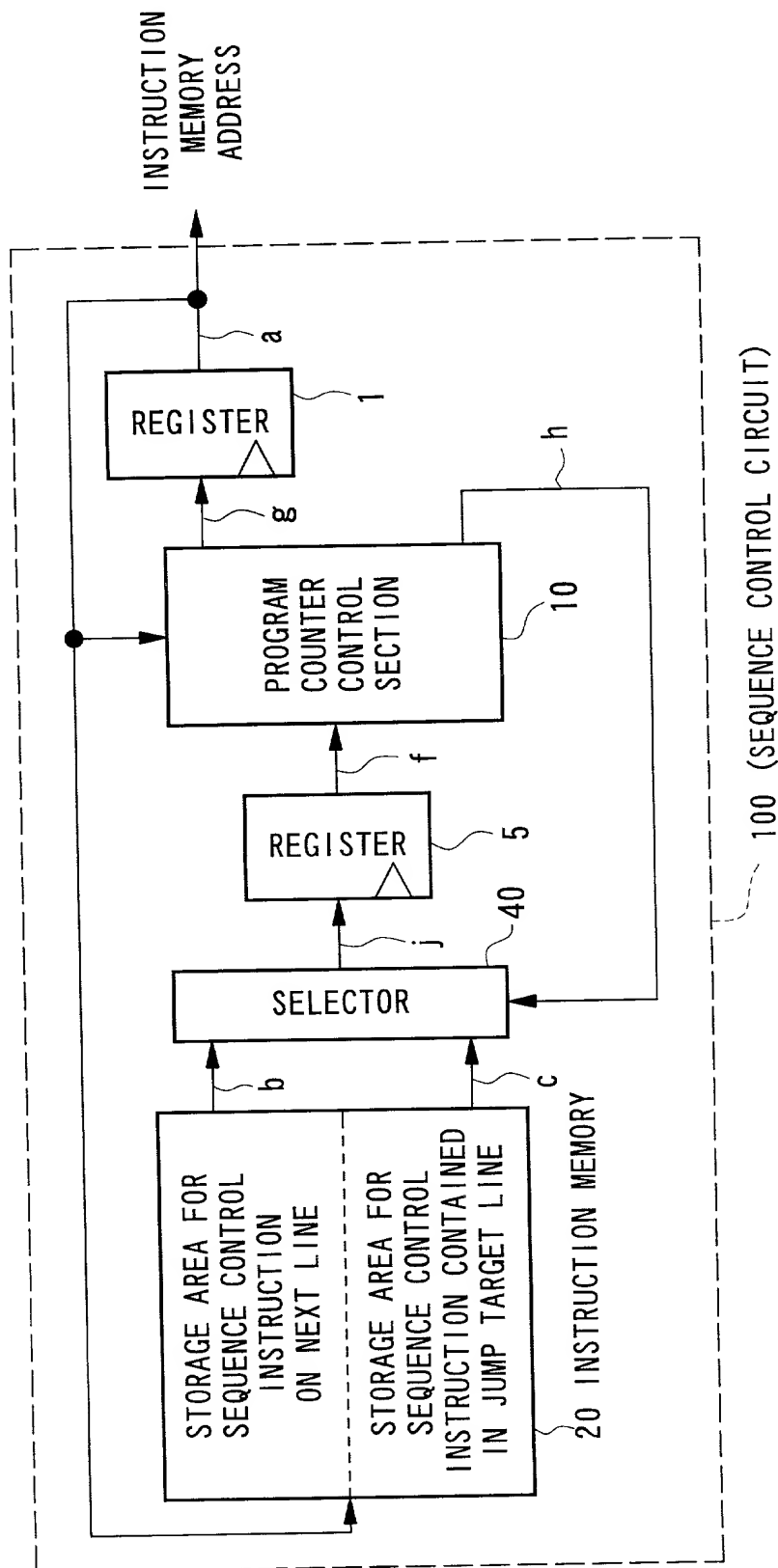
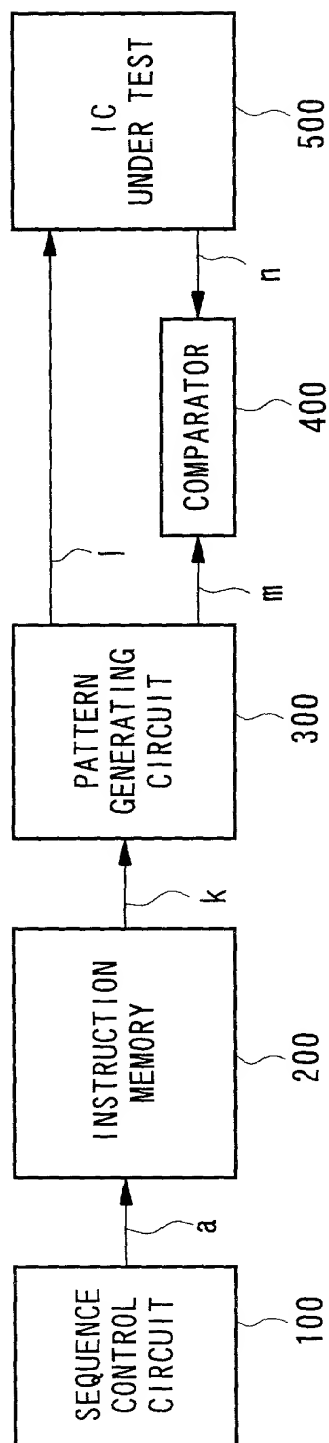


FIG. 6



# FIG. 7

| PROGRAM<br>COUNTER | SEQUENCE<br>CONTROL<br>INSTRUCTION | PATTERN<br>GENERATING<br>INSTRUCTION |
|--------------------|------------------------------------|--------------------------------------|
| 0                  | NOOP                               | X=0                                  |
| 1                  | AA: LOOP 3 AA                      | X=X+1                                |
| 2                  | NOOP                               | X=0                                  |
| ⋮                  | ⋮                                  |                                      |

# FIG. 8

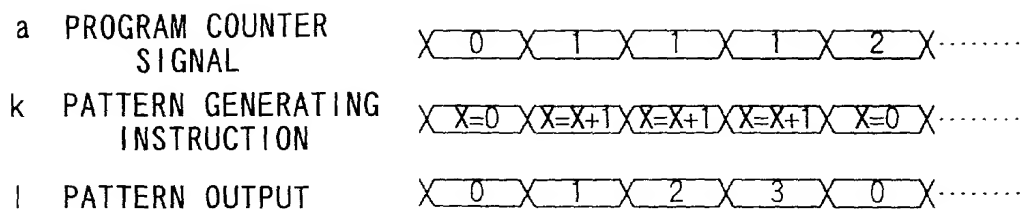


FIG. 9

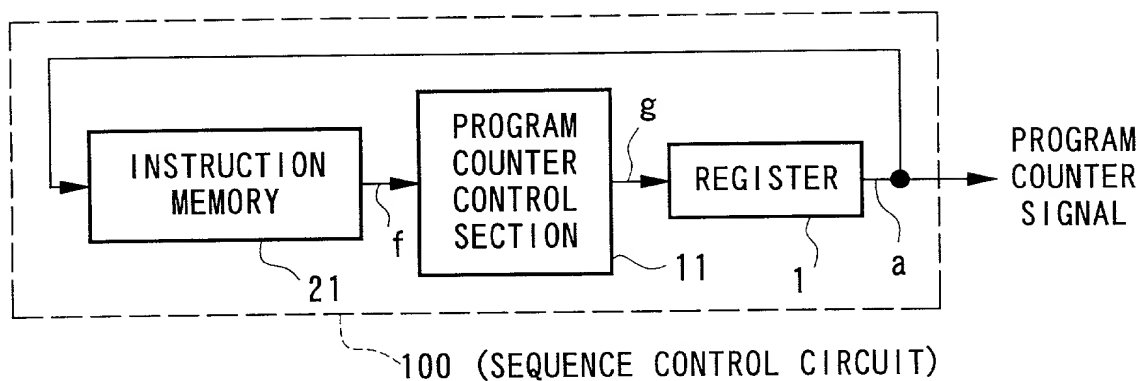


FIG. 10

